

AMENDMENT TRANSMITTAL FORM

Docket No.: 2001L007
In re
Application of: Bell et al.
Serial No.: 10/010,668
Filed: December 6, 2001
For: DISPERSANTS AND LUBRICATING
OIL COMPOSITIONS CONTAINING
SAME

Before the Examiner

E. McAvoy

Group Art Unit No.

1764

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

- [X] The undersigned hereby certifies having information and a reasonable basis for belief that this correspondence will be deposited as first-class mail with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on March 17, 2003.

Transmitted herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made if, and to the extent, required. The fee for this extension of time is calculated to be \$_____ to extend the time for filing this response until _____.

The fee for any changes in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest No. Previously Paid for	(5) Present Extra	(6) Rate	(7)
Total Claims	23	Minus	24	0	x \$18.00	0.00
Indep. Claims	1	Minus	3	0	x \$84.00	0.00
MULTIPLE DEPENDENT CLAIM FEE					\$280.00	0.00
FEE FOR CLAIM CHANGES						0.00

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this amendment, including claim changes and any extension of time is calculated to be \$ 0.00.

[] Charge \$_____ to Deposit Account No. 05-1710.

[X] The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment, to Deposit Account No. 05-1710. A duplicate copy of this Form is enclosed.

March 17, 2003

Date of Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

26/2
3/28/03
14

APPLICANT: Bell et al.

SERIAL NO.: 10/010,668

FILED: December 6, 2001

TITLED: DISPERSANTS AND LUBRICATING OIL
COMPOSITIONS CONTAINING SAME

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)
) Examiner: E. McAvoy
)
) Art Unit: 1764
)

Atty. Docket No. 2001L007

Assistant Commissioner for Patents
Washington, DC 20231

RESPONSE

Sir:

Responsive to the Office Action mailed December 18, 2002, please amend the above-identified patent application as follows:

IN THE CLAIMS

Please cancel claim 2 and amend the remaining claims as follows:

A1
1. A dispersant comprising a reaction product of a polyalkenyl-substituted mono- or dicarboxylic acid, anhydride or ester; and a polyamine, having from greater than about 1.3 to less than about 1.7 mono- or di-carboxylic acid producing moieties per polyalkenyl moiety and wherein said polyalkenyl moiety has a molecular weight distribution (M_w/M_n) of from about 1.5 to about 2.0 and a number average molecular weight (M_n) of from about 1800 to about 3000.

A2
15. The dispersant composition of claim 14, wherein said boron source is selected from the group consisting of borated dispersant VI improver; alkali metal, mixed alkali metal or alkaline earth metal borate; borated overbased metal detergent; borated epoxide; borate ester; and borate amide.